

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	491	brush\$3 with clean\$5 same (shaft\$1 or rod\$1) and (piston\$1 or plunger\$1)	USPAT	OR	OFF	2005/02/02 14:27
L3	74	brush\$3 with clean\$5 same (shaft\$1 or rod\$1) and (piston\$1 or plunger\$1)	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 14:33
L4	63	brush\$3 with (shaft\$1 or rod\$1) same clean\$5 and (piston\$1 or plunger\$1)	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 14:36
L5	9	4 not 3	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 14:35
L6	409	brush\$3 with (shaft\$1 or rod\$1) same clean\$5 and (piston\$1 or plunger\$1)	USPAT	OR	OFF	2005/02/02 14:37
L7	49	6 not 1	USPAT	OR	OFF	2005/02/02 14:37
S4	16467	piston\$1 with (detect\$4 or sens\$4)	USPAT	OR	OFF	2005/02/01 15:25
S74	8124	piston\$1 with (detect\$4 or sens\$4) with position\$3	USPAT	OR	OFF	2005/02/01 15:25
S75	3334	S74 and (light\$3 or illuminat\$5 or laser\$1 or electromagnetic or electro adj magnetic)	USPAT	OR	OFF	2005/02/01 15:26
S76	51	S75 and "250"/\$.ccls.	USPAT	OR	OFF	2005/02/01 15:40
S77	1807	S75 and shaft\$1	USPAT	OR	OFF	2005/02/01 15:42
S78	515	S74 and (photodiode\$1 or photo adj diode\$1 or photosensor\$1 or photo adj sensor\$1 or photodetector\$1 or photo adj detector\$1 or photoelectric or photo adj electric)	USPAT	OR	OFF	2005/02/02 08:10
S79	489	S78 not S76	USPAT	OR	OFF	2005/02/01 15:43
S80	1124	reflect\$5 same (photodiode\$1 or photo adj diode\$1 or photosensor\$1 or photo adj sensor\$1 or photodetector\$1 or photo adj detector\$1 or photoelectric or photo adj electric) and (light or radiation) with (absorp\$5 or absorb\$5) and shaft\$1	USPAT	OR	OFF	2005/02/02 08:11
S81	118	reflect\$5 same (photodiode\$1 or photo adj diode\$1 or photosensor\$1 or photo adj sensor\$1 or photodetector\$1 or photo adj detector\$1 or photoelectric or photo adj electric) same shaft\$1 and (light or radiation) with (absorp\$5 or absorb\$5)	USPAT	OR	OFF	2005/02/02 08:17

S82	219	reflect\$5 same (photodiode\$1 or photo adj diode\$1 or photosensor\$1 or photo adj sensor\$1 or photodetector\$1 or photo adj detector\$1 or photoelectric or photo adj electric) and piston\$1 and (light or radiation) with (absorp\$5 or absorb\$5)	USPAT	OR	OFF	2005/02/02 08:28
S83	213	S82 not S81	USPAT	OR	OFF	2005/02/02 08:17
S84	173	reflect\$5 same (photodiode\$1 or photo adj diode\$1 or photosensor\$1 or photo adj sensor\$1 or photodetector\$1 or photo adj detector\$1 or photoelectric or photo adj electric) and plunger\$1 and (light or radiation) with (absorp\$5 or absorb\$5)	USPAT	OR	OFF	2005/02/02 08:43
S85	4	("4268799" "4723257" "H000491"). PN. OR ("4986621").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/02 08:41
S86	112	250/221\$.ccls. and (light or radiation) with (absorp\$5 or absorb\$5)	USPAT	OR	OFF	2005/02/02 09:07
S87	1037	(light or radiation) with (absorp\$5 or absorb\$5) same cylinder\$1	USPAT	OR	OFF	2005/02/02 10:11
S88	592	(light or radiation) near2 (absorp\$5 or absorb\$5) same cylinder\$1	USPAT	OR	OFF	2005/02/02 10:03
S89	240	(light or radiation) near2 (absorp\$5 or absorb\$5) same cylinder\$1	EPO; JPO; DERWENT	OR	OFF	2005/02/02 09:49
S90	91	(light or radiation) near2 (absorp\$5 or absorb\$5) same piston\$1	USPAT	OR	OFF	2005/02/02 10:24
S91	63	S90 not S88	USPAT	OR	OFF	2005/02/02 10:04
S92	32	(light or radiation) near2 (absorp\$5 or absorb\$5) same piston\$1	EPO; JPO; DERWENT	OR	OFF	2005/02/02 10:09
S93	176	(displacement with piston\$1) same reflect\$5	USPAT	OR	OFF	2005/02/02 10:12
S94	13	("3417221" "4317980" "4841113"). PN. OR ("4970361").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/02 10:23
S95	1541	(light or radiation) near2 (absorp\$5 or absorb\$5) and piston\$1	USPAT	OR	OFF	2005/02/02 10:25
S96	1450	S95 not S90	USPAT	OR	OFF	2005/02/02 10:24
S97	432	(light or radiation) near2 (absorp\$5 or absorb\$5) and piston\$1 with (position\$1 or displacement)	USPAT	OR	OFF	2005/02/02 10:28
S98	400	S97 not S90	USPAT	OR	OFF	2005/02/02 10:26
S99	648	(light or radiation) near2 (absorp\$5 or absorb\$5) same reduc\$6 with (interfer\$5 or noise\$1)	USPAT	OR	OFF	2005/02/02 10:49

S10 0	3	("5103326" "6286965" "6394395"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/02 10:37
S10 1	17	(light or radiation) near2 (absorp\$5 or absorb\$5) same reduc\$6 with (interfer\$5 or noise\$1) and anodiz\$6	USPAT	OR	OFF	2005/02/02 10:51
S10 2	173	(light or radiation) near2 (absorp\$5 or absorb\$5) same reduc\$6 with (interfer\$5 or noise\$1)	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 10:51